CLAIMS

We claim:

1. A method of securing components of a generator, comprising:

inserting a workable material into a device for producing a workable material usable in generators, wherein the device is adapted to emit a workable material in a substantially non-cured state between adjacent components of a generator;

ejecting the workable material in a non-cured state from the device into a void between adjacent components of the generator; and

forming the workable material in the void between adjacent components of the generator so that the workable material contacts at least a portion of adjacent components defining the void and desired to be secured and cures to a solid material capable of supporting the adjacent components of the generator.

2. The method of claim 1, wherein inserting a workable material into a device for producing a workable material usable in generators comprises inserting a workable material into a device including a housing; at least one heater coupled to the housing for heating the workable material; at least one hollow tube coupled to the housing at an orifice in the housing for containing the material and directing the material into proximity of the at least one heater coupled to the housing, the at least one tube configured to emit the workable material in a non-cured state between the support components in the generator; at least one ejector device coupled to the housing for ejecting the workable material from the housing; and at least one trigger for actuating the at least one ejector to heat the workable material.

3. The method of claim 1, wherein inserting a workable material into a device for producing a workable material usable in generators comprises inserting a b-stage material into the device for producing a workable material usable in generators.

4. The method of claim 1, wherein inserting a workable material into a device for producing a workable material usable in generators comprises inserting a bulk molding compound into the device for producing a workable material usable in generators.

5. The method of claim 1, wherein inserting a workable material into a device for producing a workable material usable in generators comprises inserting a custom made workable material.

6. The method of claim 1, wherein inserting a workable material into a device for producing a workable material usable in generators further comprises inserting the workable material into a mixing chamber coupled to the housing for mixing the workable material with a catalyst.

7. The method of claim 1, wherein ejecting the workable material in a non-cured state from the device into a void between adjacent components of the generator comprises ejecting the workable material into a bladder positioned between adjacent components of a generator.

8. The method of claim 1, further comprising heating the workable material to at least a minimum threshold temperature to create a heated workable material.

9. A device for producing a workable material usable to support components in a generator, comprising:

a housing adapted to receive at least one workable material having properties enabling the workable material to be used to support components in the generator;

at least one heater coupled to the housing for heating the workable material;

at least one removable hollow tube coupled to the housing at an orifice in the housing for containing the material and directing the material into proximity of the at

least one heater coupled to the housing, the at least one tube configured to emit the workable material in a non-cured state between the support components in the generator;

at least one ejector device coupled to the housing for ejecting the workable material from the housing;

at least one channel for guiding the workable material from the housing;

a switch for actuating the at least one heater;

at least one indicator for indicating that the heater has reached a threshold preheat temperature; and

at least one trigger for actuating the at least one ejector to heat the workable material.

10. The device of claim 9, wherein the ejector device comprises at least one ram piston movable relative to the housing to eject the workable material from the housing.

11. The device of claim 9, wherein the at least one ram piston comprises at least one air driven piston.

12. The device of claim 9, wherein the at least one ram piston comprises at least one electrically driven piston.

13. The device of claim 9, wherein the at least one indicator for indicating that the heater has reached a threshold preheat temperature comprises at least one LED.

14. The device of claim 9, further comprising a fitting coupled to the housing and adapted to be coupled to a standard power plug.

15. The device of claim 9, further comprising at least one mixing chamber coupled to the housing for mixing a workable material with at least one catalyst.

16. The device of claim 9, further comprising at least one temperature measuring device coupled to the housing.

17. The device of claim 9, wherein the workable material is selected from the group consisting of a bulk molding compound, a sheet molding compound, and a custom made material.

18. A system for supporting components in a generator, comprising:

a device for emitting a workable material between adjacent components of a generator to secure the components, the device comprising:

a housing adapted to receive at least one workable material having properties enabling the workable material to be used to support components in the generator;

at least one heater coupled to the housing for heating the workable material;

at least one hollow tube coupled to the housing at an orifice in the housing for containing the material and directing the material into proximity of the at least one heater coupled to the housing, the at least one tube configured to emit the workable material in a non-cured state between the support components in the generator;

at least one ejector device coupled to the housing for ejecting the workable material from the housing; and

at least one trigger for actuating the at least one ejector to heat the workable material;

a first generator component coupled to a generator; and

a second generator component coupled to the generator adjacent to the first generator component, wherein the first and second generator components are separated by a void.

19. The device of claim 18, further comprising at least one mixing chamber coupled to the housing for mixing a workable material with at least one catalyst.

20. The device of claim 18, wherein the workable material is selected from the group consisting of a bulk molding compound, a sheet molding compound, and a custom made material.